



CITY OF LODI COUNCIL COMMUNICATION

AGENDA TITLE: Adopt Resolution Approving the Purchase of Padmount Transformers from Pacific Utilities of Pleasant Hill, CA (\$58,361.77) (EUD)

MEETING DATE: June 2, 2010

PREPARED BY Interim Electric Utility Director

RECOMMENDED ACTION: Adopt a resolution approving the purchase of padmount transformers from Pacific Utilities of Pleasant Hill, CA (\$58,361.77).

BACKGROUND INFORMATION: On February 17, 2010, the City Council authorized the advertisement for bids for padmount transformers.

On April 21, 2010, bids were opened for padmount transformers. Four suppliers submitted bid proposals. Life-cycle costs (total purchase price plus cost of estimated power **loss** during the projected life of the transformer) for responsive bids were evaluated. Pacific Utilities of Pleasant Hill, showed the lowest life-cycle cost total for all advertised padmount transformers. A summary of the bid evaluation is attached to this Council Communication.

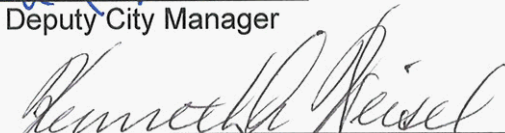
12 each 37.5kVA, I-Phase	240/120V	Pacific Utilities	\$17,395.65
9 each 50kVA, I-Phase	240/120V	Pacific Utilities	\$15,111.90
1 each 75kVA, I-Phase	240/120V	Pacific Utilities	\$ 1,904.21
4 each 75kVA, 3-Phase	208Y/120V	Pacific Utilities	\$18,631.05
1 each 112.5kVA, 3-Phase	480Y/277V	Pacific Utilities	\$ 5,318.96
1 each 167kVA, I-Phase	240/120V	All Bidders	<u>*Rejected</u>
			<u>\$58,361.77</u>

*The 167kVA 1-Phase 240/120V transformer was rejected because all bidders provided the primary voltage of the transformer as delta instead of wye.

FISCAL IMPACT: Purchase price is \$58,361.77. Life-cycle cost is \$85,548.03.

FUNDING AVAILABLE: Included in FY Budget 2009-10 Account No. 160651.7711.


Jordan Ayers, Deputy City Manager


Kenneth A. Weisel, P.E.
Interim Electric Utility Director

PREPARED BY Demy Bucaneg, Jr. -PE, Assistant Electric Utility Director
Weldat Haile -PE, Senior Power Engineer

APPROVED:


Konrad Bartlam, Interim City Manager

RESOLUTION NO. 2010-82

A RESOLUTION OF THE LODI CITY COUNCIL
APPROVING THE PURCHASE OF PADMOUNT
TRANSFORMERS

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WHEREAS, in answer to notice duly published in accordance with law and the order of this City Council, sealed bids were received and publicly opened on April 21, 2010, at 11:00 a.m. for the purchase of padmount transformers for the Electric Utility Department, described in the specifications therefor approved by the City Council on February 17, 2010; and

WHEREAS, said bids have been compared as to life-cycle costs, checked, and tabulated and a report thereof filed with the City Manager as shown on Exhibit A attached.

NOW, THEREFORE, BE IT RESOLVED that the Lodi City Council does hereby approve the purchase of padmount transformers as follows:

12 each 37.5kVA, I-Phase	240/120V	Pacific Utilities	\$17,395.65
9 each 50kVA, I-Phase	240/120V	Pacific Utilities	\$15,111.90
1 each 75kVA, I-Phase	240/120V	Pacific Utilities	\$ 1,904.21
4 each 75kVA, 3-Phase	208Y/120V	Pacific Utilities	\$18,631.05
1 each 112.5kVA, 3-Phase	480Y/277V	Pacific Utilities	\$ 5,318.96

Total			<u>\$58,361.77</u>

to Pacific Utilities, of Pleasant Hill, CA, in the amount of \$58,361.77; and

BE IT FURTHER RESOLVED that the Lodi City Council does hereby reject all bids for the 167kVA I-Phase 240/120V transformer.

Dated: June 2, 2010

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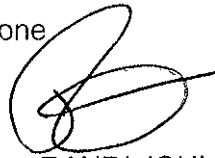
I hereby certify that Resolution No. 2010-82 was passed and adopted by the City Council of the City of Lodi in a regular meeting held June 2, 2010, by the following vote:

AYES: COUNCIL MEMBERS – Hitchcock, Hansen, Johnson, Mounce, and
Mayor Katzakian

NOES: COUNCIL MEMBERS – None

ABSENT: COUNCIL MEMBERS – None

ABSTAIN: COUNCIL MEMBERS – None


RANDI JOHL
City Clerk

Transformer Bid Evaluation													
Bid Opening: April 21, 2010													
Padmount			Tax (factor):		1.0875		Primary Windings:		Three-Phase, 12000 Volt, 60Hz, Delta Connected				
			No Load Loss \$/watt:		3.75				Single-Phase, 12000 Grd. Wye/6930 Volt, 60Hz				
April 26, 2010			Load Loss \$/watt:		1.25								
Bid Item 1: 37.5 kVA, 2401120 Volt, Single Phase Pad							Number of units:		12		65		>1.5
Vendor	Unit Price \$	Extended Price \$	Price w/tax \$	No Load Loss (watts)	Load Loss (watts)	No Load Loss value	Load Loss value	Cost of Losses \$	Life Cycle Cost \$	Delivery (weeks)	Height (inches)	Impedance %	
Hees Enterprises, Inc. (Ermco Transformers)	1,408.00	16,896.00	18,374.40	82	411	3,690.00	6,165.00	9,855.00	28,229.40	8	28	2.000	
Howard Industries, Inc.	1,460.00	17,520.00	19,053.00	81	430	3,645.00	6,450.00	10,095.00	29,148.00	6-8	24	2.700	
HD Supply Utilities Ltd. (Cooper Power System)	1,408.00	16,896.00	18,374.40	88	420	3,960.00	6,300.00	10,260.00	28,634.40	8	24	1.900	
Pacific Utilities (ABB Transformers)	1,333.00	15,996.00	17,395.65	79	377	3,555.00	5,655.00	9,210.00	26,605.65	8-10	24	1.740 E	
Bid Item 2: 50 kVA, 2401120 Volt, Single Phase Pad,							Number of units:		9		65		>1.6
Vendor	Unit Price \$	Extended Price \$	Price w/tax \$	No Load Loss (watts)	Load Loss (watts)	No Load Loss value	Load Loss value	Cost of Losses \$	Life Cycle Cost \$	Delivery (weeks)	Height (inches)	Impedance %	
Hees Enterprises, Inc. (Ermco Transformers)	1,575.00	14,175.00	15,415.31	100	517	3,375.00	5,816.25	9,191.25	24,606.56	8	28	2.100	
Howard Industries, Inc.	1,727.00	15,543.00	16,903.01	99	555	3,341.25	6,243.75	9,585.00	26,488.01	6-8	24	2.800	
HD Supply Utilities Ltd. (Cooper Power System)	1,652.00	14,868.00	16,168.95	104	512	3,510.00	5,760.00	9,270.00	25,438.95	8	24	2.070 E	
Pacific Utilities (ABB Transformers)	1,544.00	13,896.00	15,111.90	107	410	3,611.25	4,612.50	8,223.75	23,335.65	10-Aug	24	1.940 E	
Bid Item 3 75 kVA, 2401120 Volt, Single Phase Pad,							Number of units:		1		65		>1.8
Vendor	Unit Price \$	Extended Price \$	Price w/tax \$	No Load Loss (watts)	Load Loss (watts)	No Load Loss value	Load Loss value	Cost of Losses \$	Life Cycle Cost \$	Delivery (weeks)	Height (inches)	Impedance %	
Hees Enterprises, Inc. (Ermco Transformers)	1,990.00	1,990.00	2,164.13	141	706	528.75	882.50	1,411.25	3,575.38	8	28	2.100	
Howard Industries, Inc.	2,999.00	2,999.00	3,261.41	142	710	532.50	887.50	1,420.00	4,681.41	6-8	24	3.100	
HD Supply Utilities Ltd. (Cooper Power System)	2,003.00	2,003.00	2,178.26	142	661	532.50	826.25	1,358.75	3,537.01	8	24	1.950 E	
Pacific Utilities (ABB Transformers)	1,751.00	1,751.00	1,904.21	113	773	423.75	966.25	1,390.00	3,294.21	8-10	24	2.140 E	
Bid Item 4: 75 kVA, 208Y/120 Volt, Three Phase Pad							Number of units:		4		65		>1.8
Vendor	Unit Price \$	Extended Price \$	Price w/tax \$	No Load Loss (watts)	Load Loss (watts)	No Load Loss value	Load Loss value	Cost of Losses \$	Life Cycle Cost \$	Delivery (weeks)	Height (inches)	Impedance %	
Hees Enterprises, Inc. (Ermco Transformers)	4,775.00	19,100.00	20,771.25	146	1133	2,190.00	5,665.00	7,855.00	28,626.25	8	49	2.200	
Howard Industries, Inc.	4,053.00	16,212.00	17,630.55	177			4,920.00	7,575.00	25,205.55	6-8	45	2.300	
HD Supply Utilities Ltd. (Cooper Power System)	5,431.00	21,724.00	23,624.85	182	974	2,730.00	4,870.00	7,600.00	31,224.85	8	50	3.420 E	
Pacific Utilities (ABB Transformers)	4,283.00	17,132.00	18,631.05	214	621	3,210.00	3,105.00	6,315.00	24,946.05	8-10	48	3.120 E	
Bid Item 5: 112.5 kVA, 480Y/277 Volt, Three Phase Pad,							Number of units:		1		65		>2.0
06-02-10 DB Padmount TR Award-Exhibit A.xls	Unit Price \$	Extended Price \$	Price w/tax \$	No Load Loss (watts)	Load Loss (watts)	No Load Loss value	Load Loss value	Cost of Losses \$	Life Cycle Cost \$	Delivery (weeks)	Height (inches)	Impedance %	

